

Arizona Interagency Radio System (AIRS)





Overview

A limited interoperability solution

- Single Frequency Channel
- Regionalized PL Assignments

A “suite” of cross-banded Radio Repeaters

- VHF
- UHF
- 800 MHz*

Covers a vast majority of the state

P25 compliant radios qualify for interoperable grant funding

Free to users / Requires a signed MOU with DPS

* 700 MHz radios can be programmed to access AIRS 800MHz frequencies.

<http://www.azgita.gov/pssc>



History

Mid – Late 70s Interagency Arizona Radio System (IARS)

Arizona Emergency Radio System (AERS)

VHF & UHF Base Stations at Key locations

Each radio controlled at a Dispatch Center

Link allowed DPS to talk to VHF Users

<http://www.azgita.gov/pssc>

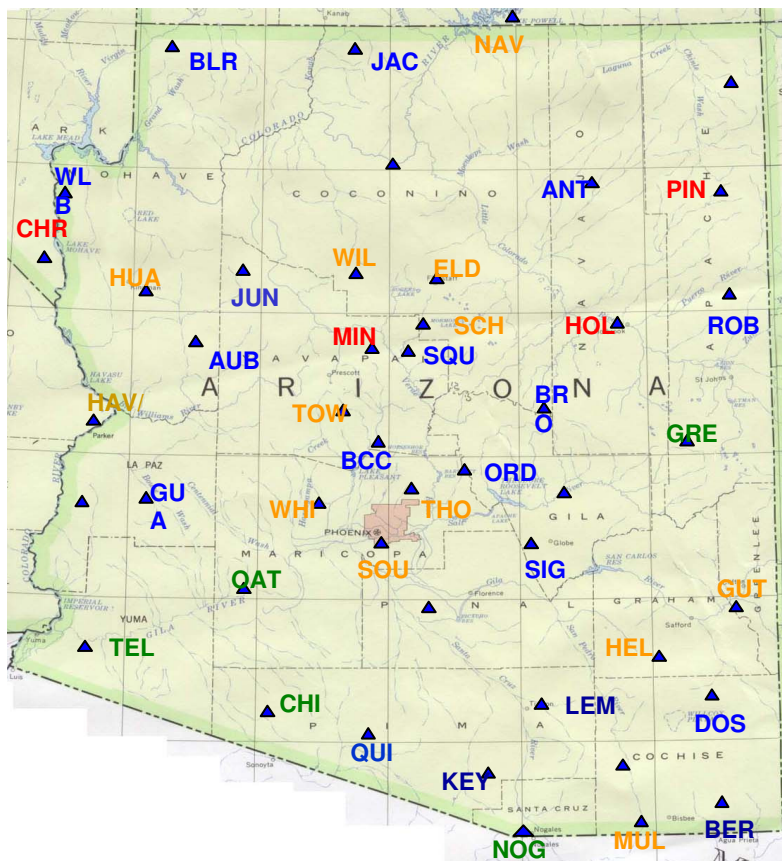
37 Sites

4 Mobile Suites

- 1 DPS Comm Trailer
- 2 DPS Fly-Aways
- 1 TBD

Future Plans

- 4 Remaining Suites
 - » Jacob Lake
 - » Bernadino
 - » Black Rock
 - » Cunningham Peak
- State EOC Microwave Link to the AIRS



<http://www.azgita.gov/pscc>

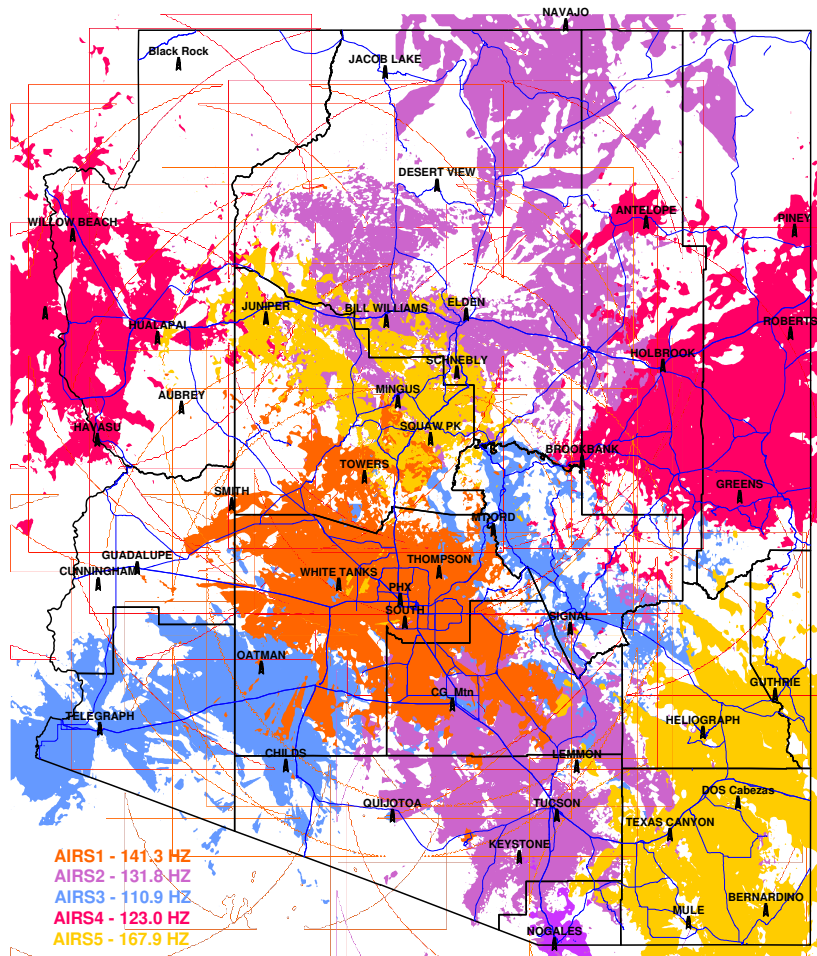


DPS Mobile AIRS Suite

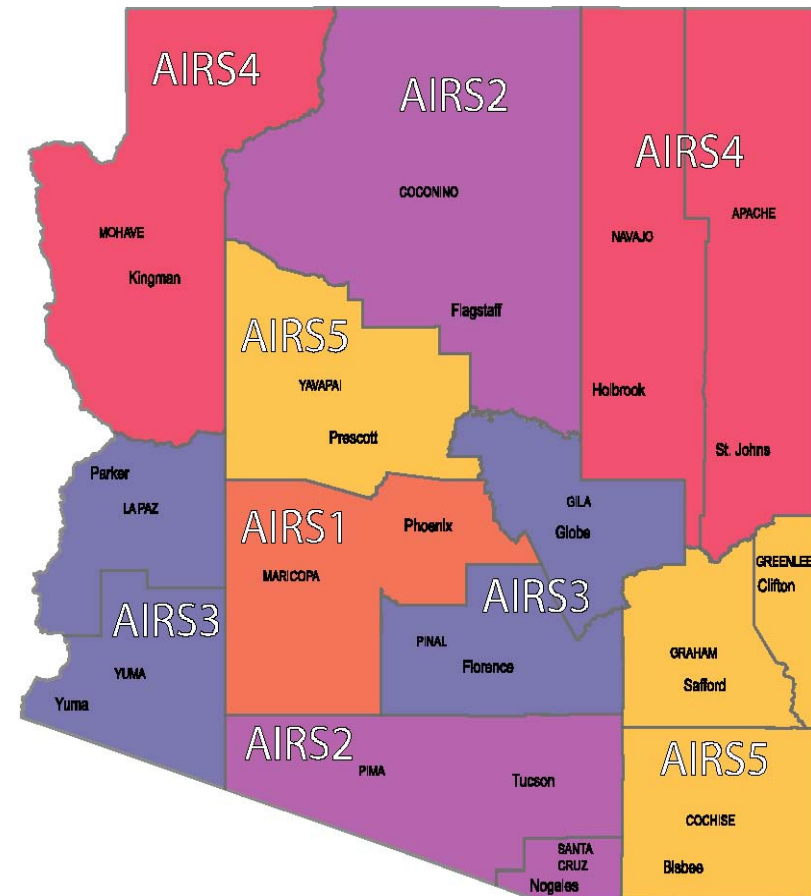


<http://www.azgita.gov/pssc>

AIRS REGIONAL RADIO COVERAGE



AIRS REGIONAL PRIMARY CHANNEL ASSIGNMENTS



<http://www.azgita.gov/pssc>



Usage

Used in the event of a multi-agency operation requiring the use of common radio channel(s)

Not designed to be used by a single agency for routine operations.

May be used by a single agency in the event of significant communications loss.

Prioritization

- PRIORITY 1: Disaster and extreme emergency operations of large scale; for mutual aid and interagency communications.
- PRIORITY 2: Emergency or urgent operations involving imminent safety of life or property.
- PRIORITY 3: Special event control activities, generally of a pre-planned nature, and involving joint participation of two or more agencies.
- PRIORITY 4: Drill, maintenance, and test exercises.

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Questions?

DPS Wireless Services Bureau

602-223-2247

Public Safety Interoperable Communications Office

602-364-4498

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